

Message

From: Crosby-Vega, Terri [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E439D8D14EAF4F8DA8661E95A3037052-CROSBY-VEGA, TERRI]
Sent: 8/14/2017 5:26:21 PM
To: Shuster, Kenneth [Shuster.Kenneth@epa.gov]; Gaines, Jeff [Gaines.Jeff@epa.gov]; Galbraith, Michael [Galbraith.Michael@epa.gov]; Gerhard, Sasha [Gerhard.Sasha@epa.gov]
Subject: FW: Agenda-Subpart X Call (August 3) (12 pm - 1:30pm EST)

Information on Anniston.

Terri Crosby-Vega
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From: Strickland, Chrystal [mailto:CStrickland@adem.alabama.gov]
Sent: Friday, August 04, 2017 2:33 PM
To: Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov>
Subject: RE: Agenda-Subpart X Call (August 3) (12 pm - 1:30pm EST)

Anniston Army Depot currently has two permitted Subpart X units that are used for alternatives to OBOD.

Static Detonation Chamber (SDC) – This permitted unit processes a variety of Waste Military Munitions. The explosive limit is 23.0 lbs Net Explosive Weight (NEW) for non-mass detonating explosives per feed event and 6.7 lbs NEW for mass detonating explosives. This system has an extensive off-gas treatment system with a thermal oxidizer and carbon filtration. Emissions testing and comprehensive performance testing is required by the permit in accordance with MACT rules. Originally this system was designed to destroy problematic mustard rounds from the chemical weapons stockpile. It has the capability of processing chemical filled munitions including white phosphorus. At the present time the majority of items processed in this unit are explosives such as propellant and primers (not chemical agent contaminated) from 105 mm munitions at PCAPP. The SDC was designed by Dynasafe.

Thermal Treatment Closed Disposal Process (TTCDP) – This unit is used for the treatment of grenades from the Multi Launch Rocket System (MLRS) demilitarization process. This unit contains two systems for the destruction of the M77 grenade submunitions. The fuzes are removed from the grenade bodies and processed separately. The grenade bodies are treated in an enclosed thermal conveyor system and the fuzes are treated in a small Dynasafe detonation chamber (both at a maximum feed rate of 2880 per hour). This system was designed by CH2M specifically for the MLRS recycling operation.

DDESB approval was obtained for both of these operating units.

Additionally, ANAD is in the process of obtaining a RD&D permit for the evaluation of a first- of-a-kind technology designed as an alternative to OBOD. This system uses a proprietary electromagnetic pulse and alkaline hydrolysis system to render explosives inert and has the potential to process a wide variety of munitions such as grenades, mines, mortars, pyrotechnic items, etc. including liquid fill items. This system will be operated by the Washington Demilitarization Company, a division of AECOM, which currently operates the SDC at ANAD.

I am not aware of any other DoD alternatives in the state of Alabama.

Please let me know if you need other info on DoD Subpart X units in our state.

Thanks for the update on yesterday's call. I was out of the office and had to miss it.

Chrystal Strickland

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ADEM

Subject: RE: Agenda-Subpart X Call (August 3) (12 pm - 1:30pm EST)

I just wanted to pass on some of my cryptic notes from today's call for anyone that may have missed it.

Attendance on the call: HQ, R1, R2, NY, NJ, R3, MD, R4, FL KY, R5, OH, R6, OK, LA, KS, MO, SD, ND, R9, WI, CA,

Agenda

Headquarters' Update-Newspaper articles, ICE, NAS, DDESB

Series of articles ProPublica July 20-2 articles discussing Radford, Clean Harbors, and contamination around the country.

Interagency Committee on Explosives-next meeting is on Dec. 6 and will provide an update on what we are doing.

National Academy of Science-kick off meeting Aug. 22-23 will provide EPA update. Talking points will be on permitting universe, contamination, issues with OB/OD....

Department of Defense Explosive Safety Board- requested to meet and discuss issues. Meeting may be scheduled in September.

Draft Radford Drone Report- received an unofficial copy of the report. Initial review indicated possible issues with the report.

Headquarters-Permit information for explosives that involve Subpart X units other than OB/OD

Question for the workgroup that have permitted alternate treatment units, Hawthorne, Crane, Radford, Milan, Picatinny, others.... Technology? Where? What waste?DDESB approved? These two lists will support alternate technologies for our project. Send Terri Crosby-Vega information on: units that have been permitted; the wastes handled at the units; and any reports received on possible alternatives.

Intern Project- We will be using the PowerPoint during their update/summary 203 facilities were identified in 34 states. The facilities were placed into 4 categories. Information was requested from the states. 69% feedback for information on OB/OD facilities. EPA will be taking the intern project and continuing with the work through a contractor report in the future to assist us with our overall mission to "Explore ways to better manage certain explosive wastes and reduce contamination from OB/OD operations."

Next call will be on September 7.

Harry Craig presenting on "MIS/ISM Sampling for the Umatilla Army Depot." EPA HQ should have a lot of updates for the call including our Team Retreat information and the NAS meeting, and more...

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From: Crosby-Vega, Terri
Sent: Thursday, August 03, 2017 9:21 AM
To: Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Galbraith, Michael <Galbraith.Michael@epa.gov>; Kohler, Amanda <Kohler.Amanda@epa.gov>; Gaines, Jeff <Gaines.Jeff@epa.gov>; King, Toshia <King.Toshia@epa.gov>; Gerhard, Sasha <Gerhard.Sasha@epa.gov>; Hansen, Gail <Hansen.Gail@epa.gov>; Colon, Lilybeth <Colon.Lilybeth@epa.gov>; Yee, Stephen <Yee.Steve@epa.gov>; Everett, Adolph <Everett.Adolph@epa.gov>; Azzam, Nidal <Azzam.Nidal@epa.gov>; Park, Andy <Park.Andy@epa.gov>; Brogard, John <Brogard.John@epa.gov>; Ferreira, Gina <Ferreira.Gina@epa.gov>; Torres, Ramon <Torres.Ramon@epa.gov>; Salgado, Angel <Salgado.Angel@epa.gov>; Negron, Luis <Negron.Luis@epa.gov>; 'John.Scott@dep.state.nj.us' <John.Scott@dep.state.nj.us>; Zafar.Billah@dep.state.nj.us; 'evan.aleksejczyk@dep.nj.gov' <evan.aleksejczyk@dep.nj.gov>; 'Jennifer.Meyer@dep.state.nj.us' <Jennifer.Meyer@dep.state.nj.us>; 'Jennifer.Meyer@dep.state.nj.us'; 'Anthony.Fontana@dep.nj.gov' <Anthony.Fontana@dep.nj.gov>; 'michelle.ching@dec.ny.gov' <michelle.ching@dec.ny.gov>; tjkillee_gw.dec.state.ny.us <tjkillee@gw.dec.state.ny.us>; Mirro, Rachel <mirro.rachel@epa.gov>; Matyskiela, Linda <Matyskiela.Linda@epa.gov>; pizarro, luis <pizarro.luis@epa.gov>; Hall, Kristen <hall.kristen@epa.gov>; Kinslow, Sara <Kinslow.Sara@epa.gov>; 'Ed.Hammerberg@maryland.gov' <Ed.Hammerberg@maryland.gov>; 'Albert.Simkins@maryland.gov' <Albert.Simkins@maryland.gov>; 'dimcdaniel@pa.gov' <dimcdaniel@pa.gov>; 'ovazquez-m@pa.gov' <ovazquez-m@pa.gov>; 'lhouseal@pa.gov' <lhouseal@pa.gov>; 'jsmathers@pa.gov' <jsmathers@pa.gov>; vutran_pa.gov <vutran@pa.gov>; leslie.romanchik@deq.virginia.gov; 'Ashby.Scott@deq.virginia.gov' <Ashby.Scott@deq.virginia.gov>; Housley, Denise <Housley.Denise@epa.gov>; Newman, Alan <Newman.Alan@epa.gov>; McKeePerez, Nancy <McKeePerez.Nancy@epa.gov>; Danois, Héctor <Danois.Hector@epa.gov>; Gilliland, Houston

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Subject: Agenda-Subpart X Call (August 3) (12 pm - 1:30pm EST)

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Headquarters' Update-Newspaper articles, ICE, NAS, DDESB

Headquarters-Permit information for explosives that involve Subpart X units other than OB/OD

Intern Project (PowerPoint attached)- We will be using the PowerPoint during their update/summary

I have also attached an email as a follow-up to last month's call.

Call-in information

- Date/time: Thursday, August 3; 12:00 to 1:30, eastern time
- Call-in #: Conference Line/Code / Ex. 6
- Code:

Thanks!

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